

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/026835

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KIM SEUNGCHAN ET AL: "Strong feature sets from small samples." JOURNAL OF COMPUTATIONAL BIOLOGY : A JOURNAL OF COMPUTATIONAL MOLECULAR CELL BIOLOGY. 2002, vol. 9, no. 1, 2002, pages 127-146, XP002330563 ISSN: 1066-5277 abstract; figures 2,4,6 page 127, paragraph 1 - page 130, paragraph 1 page 131, paragraph 2 - page 136, paragraph 3 page 142, paragraph 2 - page 143, paragraph 1 ----- -/-	1-19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

6 June 2005

Date of mailing of the international search report

28/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Türkelli, Y

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/026835

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BHATTACHARYYA C ET AL: "Simultaneous classification and relevant feature identification in high-dimensional spaces: application to molecular profiling data" SIGNAL PROCESSING, AMSTERDAM, NL, vol. 83, no. 4, April 2003 (2003-04), pages 729-743, XP004410718 ISSN: 0165-1684 abstract	1,3,4,6, 7,15-19
Y	page 729 - page 730, section 1 page 731 - page 733, section 2.4 page 740 - page 741, appendix A	2,5,8-14
Y	GOLDFARB D ET AL: "Robust convex quadratically constrained programs" MATHEMATICAL PROGRAMMING, vol. 97, no. 3, 1 August 2003 (2003-08-01), pages 495-515, XP002330564 abstract page 495, paragraph 1 - page 496, paragraph 3 page 506, paragraph 3 - page 508, paragraph 3 page 513-page 514, section 4	2,5,8-14
X	WO 02/10453 A (GENE LOGIC, INC; MENDRICK, DONNA; PORTER, MARK, W; JOHNSON, KORY, R; C) 7 February 2002 (2002-02-07) abstract page 1, line 7 - page 3, line 2 page 15, line 29 - page 16, line 25 page 18, line 21 - page 20, line 4 page 41, line 1 - page 44, line 20	1-4, 6-11, 13-19
A	WO 02/25570 A (ARRAYEX, INC) 28 March 2002 (2002-03-28) page 41, line 26 - page 43, line 19	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/026835

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0210453	A	07-02-2002	AU 8088901 A	13-02-2002
			CA 2414421 A1	07-02-2002
			EP 1364049 A2	26-11-2003
			JP 2004522411 T	29-07-2004
			WO 0210453 A2	07-02-2002
			US 2002119462 A1	29-08-2002
WO 0225570	A	28-03-2002	AU 9129101 A	02-04-2002
			WO 0225570 A2	28-03-2002

Best Available Copy